

10/571511

AP9 Rec'd PCT/PTO 10 MAR 2006

PATENT

Customer No. 22,852

Attorney Docket No. 10084-0004.00000

Client Ref. : FP-039PCT-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Toshio DOI et al. ) Group Art Unit:  
Application No.: Not yet assigned ) Examiner:  
Filed: Concurrently herewith )  
For: METHOD AND KIT FOR DETECTING PROLIFERATIVE ) Confirmation No.:  
DISEASES CAUSING SCLEROSIS, PREVENTIVE )  
AND/OR REMEDY FOR PROLIFERATIVE DISEASES )  
CAUSING SCLEROSIS AND METHOD AND KIT FOR )  
IDENTIFYING SUBSTANCE EFFICACIOUS IN )  
PREVENTING AND/OR TREATING PROLIFERATIVE )  
DISEASES CAUSING SCLEROSIS )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed within three months of the date of entry of the national stage in an international application.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: 3/12/06

By: 

Chris T. Mizumoto  
Reg. No. 42,899

10/571511

10 MAR 2006

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<div style="text-align: center;"> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i> </div>													
Sheet		1	of	1	<table border="1"> <tr> <td>Application Number</td> <td>Not yet assigned</td> </tr> <tr> <td>Filing Date</td> <td>Concurrently herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Toshio DOI et al.</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>10084-0004.00000</td> </tr> </table>	Application Number	Not yet assigned	Filing Date	Concurrently herewith	First Named Inventor	Toshio DOI et al.	Art Unit		Examiner Name		Attorney Docket Number	10084-0004.00000
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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-			
	AB	US-			

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	BA	WO 03/042211 A1	05-22-2003	SMITHKLINE BEECHAM CORP	claims: page 1, lines 8 to 24	
	BB					

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
	CA	International Search Report for application No. PCT/JP2004/013124, mailed November 30, 2004	
	CB	Horiguchi, A. et al., "Activation of signal transducer and activator of transcription 3 in renal cell carcinoma: a study of incidence and its association with pathological features and clinical outcome.", J. Urol., (2002 August), Vol. 168, No.2, pages 762 to 765	
	CC	Wang, X. et al., "Inhibition of the Jak/STAT signaling pathway prevents the high glucose-induced increase in tgf-beta and fibronectin synthesis in mesangial cells", Diabetes, (2002 December), Vol 51, No.12, pages 3505 to 3509	
	CD	Huang, J.S. et al., "Role of the Janus kinase (JAK)/signal transducers and activators of transcription (STAT) cascade in advanced glycation end-product-induced cellular mitogenesis in NRK-49F cells", Biochem.J., (1999 August), Vol.15, No.342 (Pt.1), pages 231 to 238	
	CE	Wang, S.N. et al., "Loss of tubular bone morphogenetic protein-7 in diabetic nephropathy", J.Am.Soc.Nephrol., (2001 November), Vol.12, No.11, pages 2392 to 2399	
	CF	Yang, C.W. et al., "Advanced glycation end products up-regulate gene expression found in diabetic glomerular disease", Proc. Natl. Acad.Sci.USA, (1994), Vol.91, No.20, pages 9436 to 9440	
	CG	Paul Oh, S. et al., "Activin receptor-like kinase 1 modulates transforming growth factor-β 1 signaling in the regulation of angiogenesis", Proc. Natl. Acad. Sci. USA, (2000), Vol 97, No.6, pages 2626 to 2631	
	CH	Gupta, I.R. et al., "BMP-2/ALK3 and HGF signal in parallel to regulate renal collecting duct morphogenesis", J.Cell Sci., (2000 January), Vol.113, Pt.2, pages 269 to 278	
	CI	Abe, H. et al., "Type IV collagen is transcriptionally regulated by Smad1 under advanced glycation end product (AGE) stimulation", J. Biol. Chem., (2004 April), Vol.279, No.14, pages 14201 to 14206	

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.